


# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

| <b>Title of Invention</b> | MULTILAYER CERAMIC SUBSTRATE WITH SINGLE VIA ANCHORED PAD AND METHOD OF FORMING  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
|---------------------------|--|--|--------------------------|-------------------|-----------|--------------|---|---------------|----------------------------|--------|--|---------------|-------------------|------|------------|---------------|-------------------|-------|------------|---------------|--------------------------------|-------|------------|---------------|--------------------------------|-------|------------|------------|----------------------------|------|------------|------------|----------------|-------|------------|------------|----------------|-------|------------|--------------|----------------------------|------|------------|--------------|------------------|-------|------------|--------------|------------------|-------|------------|--------|----------------------------|------|------------|--------|------------|------|------------|--------|------------|-------|------------|------------------|---------------------------|-------|------------|------------------|-------------------------|-------|------------|------------------|----------------------|-------|------------|------------------|----------|------|------------|------------------|-------------|-------|------------|------------------|---------------------|-------|------------|------------------|-------------|------|------------|------------------|-------------|------|------------|
| Submission Type :         | Utility Patent Filing  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| Application Number:       | 10/707810  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| EFS ID:                   | 53659  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| Server Response:          | <table border="1"> <thead> <tr> <th>Confirmation Code</th> <th>Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>1809</td> </tr> <tr> <td>IGEN77</td> <td>Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either &lt;us-access-code&gt; not found in fee-xml OR actual access code not provided in the fuction call.</td> </tr> </tbody> </table>   |  |                          | Confirmation Code | Message   | ISVR1        | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application | ICON1         | 1809                       | IGEN77 | Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fuction call. |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| Confirmation Code         | Message  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| ISVR1                     | Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| ICON1                     | 1809   |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| IGEN77                    | Filename= N/A BusinessRule= The access code is not included which allows for automated processing to the deposit account. #Supporting Msg:Either <us-access-code> not found in fee-xml OR actual access code not provided in the fuction call.   |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| First Named Applicant:    | Srinivasa Reddy  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| Attorney Docket Number:   | FIS920030340US1  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| Timestamp:                | 2004-01-14 14:34:58 EDT  |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| From:                     | us   |  |                          |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| File Listing:             | <table border="1"> <thead> <tr> <th>Doc. Name</th> <th>File Name</th> <th>Size (Bytes)</th> <th>Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>FIS920030340US1-usassn.xml</td><td>2205</td><td>2004-01-14</td></tr> <tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2004-01-14</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-01-14</td></tr> <tr><td>us-assignment</td><td>aFIS920030340us1assign1of2.tif</td><td>70700</td><td>2004-01-14</td></tr> <tr><td>us-assignment</td><td>aFIS920030340us1assign2of2.tif</td><td>14421</td><td>2004-01-14</td></tr> <tr><td>us-request</td><td>FIS920030340US1-usrequ.xml</td><td>4743</td><td>2004-01-14</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-01-14</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>FIS920030340US1-usfees.xml</td><td>2067</td><td>2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2004-01-14</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-01-14</td></tr> <tr><td>us-ids</td><td>FIS920030340US1-usidst.xml</td><td>2072</td><td>2004-01-14</td></tr> <tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td><td>2004-01-14</td></tr> <tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>FIS920030340US1-trans.xml</td><td>24633</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-01-14</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-01-14</td></tr> </tbody> </table> |  |                          | Doc. Name         | File Name | Size (Bytes) | Date Produced (yyyymmdd)  | us-assignment | FIS920030340US1-usassn.xml | 2205   | 2004-01-14   | us-assignment | us-assignment.xsl | 8983 | 2004-01-14 | us-assignment | us-assignment.dtd | 10898 | 2004-01-14 | us-assignment | aFIS920030340us1assign1of2.tif | 70700 | 2004-01-14 | us-assignment | aFIS920030340us1assign2of2.tif | 14421 | 2004-01-14 | us-request | FIS920030340US1-usrequ.xml | 4743 | 2004-01-14 | us-request | us-request.dtd | 19064 | 2004-01-14 | us-request | us-request.xsl | 33300 | 2004-01-14 | us-fee-sheet | FIS920030340US1-usfees.xml | 2067 | 2004-01-14 | us-fee-sheet | us-fee-sheet.xsl | 24912 | 2004-01-14 | us-fee-sheet | us-fee-sheet.dtd | 11069 | 2004-01-14 | us-ids | FIS920030340US1-usidst.xml | 2072 | 2004-01-14 | us-ids | us-ids.dtd | 7763 | 2004-01-14 | us-ids | us-ids.xsl | 12026 | 2004-01-14 | application-body | FIS920030340US1-trans.xml | 24633 | 2004-01-14 | application-body | us-application-body.xsl | 83497 | 2004-01-14 | application-body | application-body.dtd | 49498 | 2004-01-14 | application-body | wipo.ent | 4956 | 2004-01-14 | application-body | mathml2.dtd | 54588 | 2004-01-14 | application-body | mathml2-qname-1.mod | 13225 | 2004-01-14 | application-body | isoamsa.ent | 5191 | 2004-01-14 | application-body | isoamsb.ent | 3988 | 2004-01-14 |
| Doc. Name                 | File Name  | Size (Bytes)   | Date Produced (yyyymmdd) |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-assignment             | FIS920030340US1-usassn.xml   | 2205   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-assignment             | us-assignment.xsl  | 8983   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-assignment             | us-assignment.dtd  | 10898  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-assignment             | aFIS920030340us1assign1of2.tif   | 70700  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-assignment             | aFIS920030340us1assign2of2.tif   | 14421  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-request                | FIS920030340US1-usrequ.xml   | 4743   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-request                | us-request.dtd   | 19064  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-request                | us-request.xsl   | 33300  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet              | FIS920030340US1-usfees.xml   | 2067   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet              | us-fee-sheet.xsl   | 24912  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-fee-sheet              | us-fee-sheet.dtd   | 11069  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-ids                    | FIS920030340US1-usidst.xml   | 2072   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-ids                    | us-ids.dtd   | 7763   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| us-ids                    | us-ids.xsl   | 12026  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | FIS920030340US1-trans.xml  | 24633  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | us-application-body.xsl  | 83497  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | application-body.dtd   | 49498  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | wipo.ent   | 4956   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | mathml2.dtd  | 54588  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | mathml2-qname-1.mod  | 13225  | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | isoamsa.ent  | 5191   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |
| application-body          | isoamsb.ent  | 3988   | 2004-01-14               |                   |           |              |   |               |                            |        |  |               |                   |      |            |               |                   |       |            |               |                                |       |            |               |                                |       |            |            |                            |      |            |            |                |       |            |            |                |       |            |              |                            |      |            |              |                  |       |            |              |                  |       |            |        |                            |      |            |        |            |      |            |        |            |       |            |                  |                           |       |            |                  |                         |       |            |                  |                      |       |            |                  |          |      |            |                  |             |       |            |                  |                     |       |            |                  |             |      |            |                  |             |      |            |

| Doc. Name        | File Name                   | Size (Bytes) | Date Produced (yyyymmdd) |
|------------------|-----------------------------|--------------|--------------------------|
| application-body | isoamsc.ent                 | 1460         | 2004-01-14               |
| application-body | isoamsn.ent                 | 5620         | 2004-01-14               |
| application-body | isoamso.ent                 | 1934         | 2004-01-14               |
| application-body | isoamsr.ent                 | 7073         | 2004-01-14               |
| application-body | isogr3.ent                  | 3559         | 2004-01-14               |
| application-body | isomfrk.ent                 | 4553         | 2004-01-14               |
| application-body | isomopf.ent                 | 2571         | 2004-01-14               |
| application-body | isomscr.ent                 | 4628         | 2004-01-14               |
| application-body | isotech.ent                 | 5268         | 2004-01-14               |
| application-body | isobox.ent                  | 3568         | 2004-01-14               |
| application-body | isocyr1.ent                 | 5345         | 2004-01-14               |
| application-body | isocyr2.ent                 | 2504         | 2004-01-14               |
| application-body | isodia.ent                  | 1508         | 2004-01-14               |
| application-body | isolat1.ent                 | 5282         | 2004-01-14               |
| application-body | isolat2.ent                 | 9007         | 2004-01-14               |
| application-body | isonum.ent                  | 5913         | 2004-01-14               |
| application-body | isopub.ent                  | 6621         | 2004-01-14               |
| application-body | mmlextra.ent                | 7901         | 2004-01-14               |
| application-body | mmlalias.ent                | 38209        | 2004-01-14               |
| application-body | soextblx.dtd                | 12870        | 2004-01-14               |
| application-body | FIS920030340drw1.tif        | 36920        | 2004-01-14               |
| application-body | FIS920030340drw2.tif        | 45155        | 2004-01-14               |
| us-declaration   | aFIS920030340us1dec1of4.tif | 54493        | 2004-01-14               |
| us-declaration   | aFIS920030340us1dec4of4.tif | 27959        | 2004-01-14               |
| us-declaration   | aFIS920030340us1dec2of4.tif | 47398        | 2004-01-14               |
| us-declaration   | aFIS920030340us1dec3of4.tif | 48987        | 2004-01-14               |
| package-data     | FIS920030340US1-pkda.xml    | 9320         | 2004-01-14               |
| package-data     | package-data.dtd            | 27025        | 2004-01-14               |
| package-data     | us-package-data.xsl         | 19263        | 2004-01-14               |
| Total files size |                             | 915713       |                          |

Message Digest:

41fa877e54f816396423c2ec232f8e8124cb4fa7

Digital Certificate Holder  
Name:

cn=Herbert  
Blecker,ou=Registered  
Attorneys,ou=Patent and  
Trademark  
Office,ou=Department of  
Commerce,o=U.S.  
Government,c=US